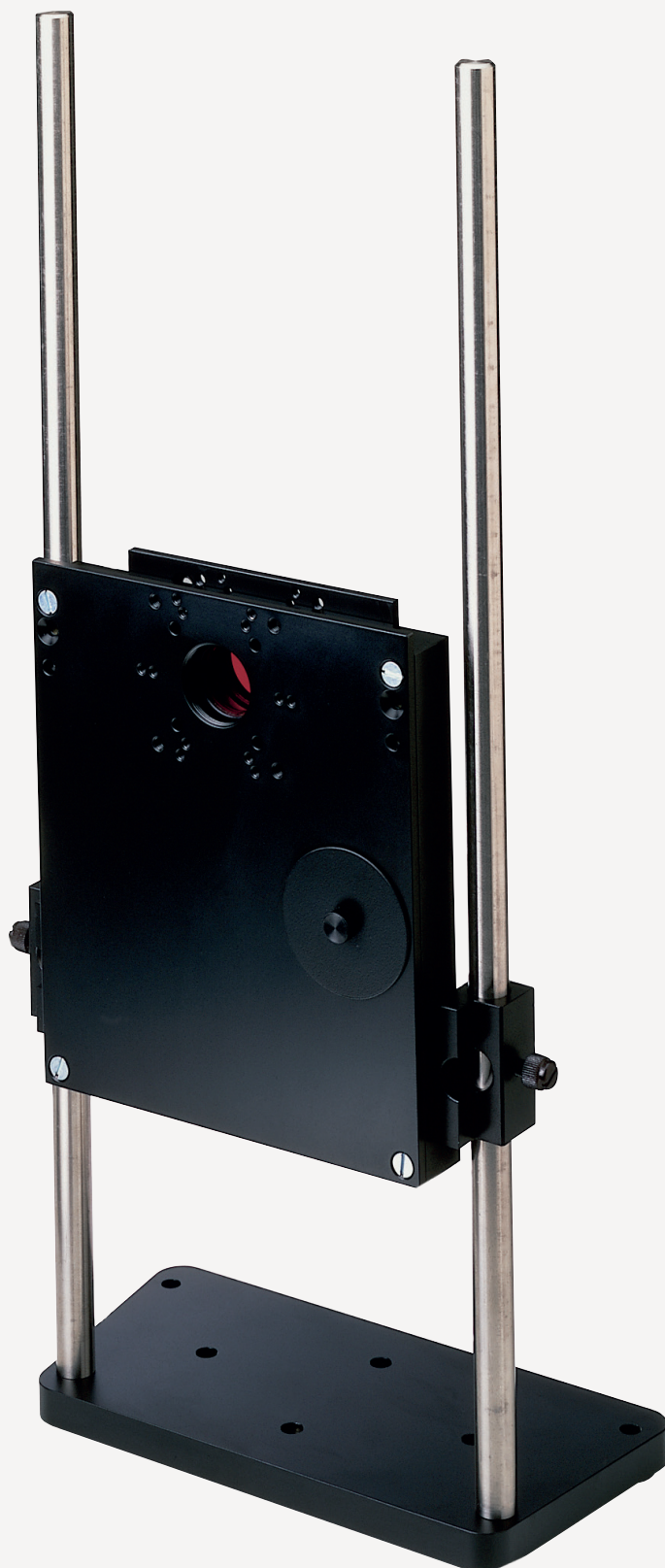




Motorized Filter Wheels

High Speed Filter Wheel



Prior's range of filter wheels allow precise and rapid control over illumination.

The Filter Wheel System can be used as a stand alone unit with the ProScan® controller or used in conjunction with the motorized stage and focus system. The components are adaptable to a wide range of microscopes and illuminators and as such are suitable for a wide range of applications.

- Mounts on the illumination or emission ports of many widely used microscopes.
- Available for 25 mm (10 position) or 32 mm (8 or 10 position) filters.
- A large selection of adapters to fit most illuminators.
- Filter wheels can be stacked together in series.
- Magnetic covers over the filter load position on both sides of the Filter Wheel give easy access to quickly change filters.
- Visible filter position numbers for both the light path filter and the load position filter.
- Filter wheel stand for added stability.

Motorized Filter Wheels

High Speed Filter Wheel

Products Available

Product	Description
HF106A	Filter wheel 6 pos./25 mm filters
HF110	Filter wheel 10 pos./25 mm
HF108	Filter wheel 8 pos./32 mm
HF110/32A	Filter Wheel 10 pos./32 mm filters

Note that adapters are required for specific microscopes. Please contact Prior Scientific for more information.

General Specifications

Filter Wheels:

10 position, 25 mm filters
OR 8 position, 32 mm filters
OR 10 position, 32 mm filters.

Filter Wheel Speed:

55 ms between adjacent positions on the HF110 or HF108
95 ms between adjacent positions on the HF110/32A.

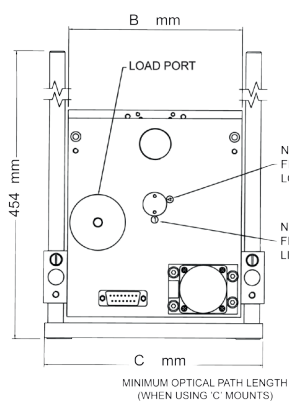
Filter Wheel Weight:

3.2 kg for HF110 or HF108

Controller:

Driven via ProScan® system

Dimensions



HF110/HF108

'A' - Maximum on stand 540 mm

'A' - Minimum on stand 34 mm

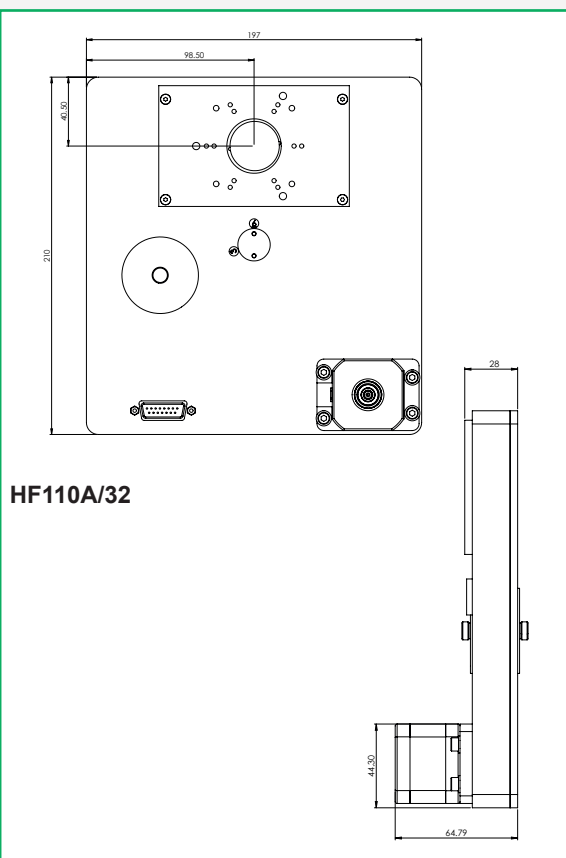
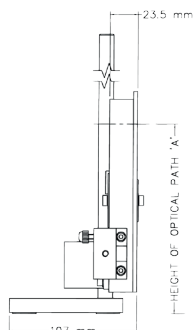
'A' - Minimum off stand 28 mm

'B' - for HF110 - 141 mm

'B' - for HF108 - 159 mm

'C' - for HF110 - 179 mm

'C' - for HF108 - 15 mm



HF110A/32



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